

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Christopher L. Cagan

Serial No.: 10/713,348

Filed: November 14, 2003

For: METHOD FOR MORTGAGE FRAUD
DETECTION

Group Art Unit: 3629

Confirmation No.: 4137

June 26, 2007

Costa Mesa, California 92626

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In an attempt to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97 and 1.98, Applicant wishes to bring to the attention of the U.S. Patent Office the references listed on the attached Form 1449. The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Further, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

If the Examiner believes that a telephone conference would help further the prosecution of this case, he is respectfully requested to contact the undersigned attorney at the listed telephone number.

Very truly yours,

SNELL & WILMER L.L.P.

Ketan S. Vakil

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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | Docket Number (Optional) 49416-0500 | | | Application Number 10/713,348 | | | | |
|--|-----|---|---|------------------------------|-----------------|---|---|-------|----------|----------------------------|
| | | | Applicant(s) Christopher L. Cagan | | | | | | | |
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| | | | U. S. PATENT DOCUMENTS | | | | | | | |
| | | | EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,794,216 | 8/11/1998 | Brown | | | | | | |
| | | 6,401,070 | 6/4/2002 | McManus et al. | | | | | | |
| | | 6,397,208 | 5/28/2002 | Lee | | | | | | |
| | | 6,323,885 | 11/27/2001 | Wiese | | | | | | |
| | | 6,178,406 | 1/23/2001 | Cheetham et al. | | | | | | |
| U. S. PATENT APPLICATION PUBLICATIONS | | | | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | | | |
| | | 2005/0171822 | 8/4/2005 | Cagan | | | | | | |
| | | 2002/0147613 | 10/10/2002 | Kennard et al. | | | | | | |
| | | 2002/0035535 | 3/21/2002 | Brock, Sr. | | | | | | |
| | | 2001/0039506 | 11/8/2001 | Robbins | | | | | | |
| | | 2005/0288942 | 12/29/2005 | Graboske et al. | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | | | |
| | | JP 2001236369 | 8/2001 | Japan (with Abstract) | | | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | | |
| | | JP 2002123589 | 4/26/2002 | Japan (with Abstract) | | | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | |
| | | "Median Price By Zip Code By Month For May 2004," DataQuick Information Systems, <u>Los Angeles Times</u>, 6 pages, June 2004. | | | | | | | | |
| | | "GIS for Real Estate," <u>www.esri.com</u>, 1 page, February 15, 2007. | | | | | | | | |
| | | "Using GIS for Real Estate Market Analysis: The Problem of Spatially Aggregated Data," John Clapp, Journal of Real Estate Research, 9 pages, 1998. | | | | | | | | |
| | | "What's Your Home Worth," <u>www.homevaluecma.com</u>, 2 pages, February 15, 2007. | | | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | |

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| | | | U. S. PATENT DOCUMENTS | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | | 6,141,648 | 10/31/2000 | Bonissone et al. | | | | |
| | | 6,115,694 | 9/5/2000 | Cheetham et al. | | | | |
| | | 5,867,155 | 2/2/1999 | Williams | | | | |
| | | 5,857,174 | 1/5/1999 | Dugan | | | | |
| | | 5,852,810 | 12/22/1998 | Sotiroff et al. | | | | |
| U. S. PATENT APPLICATION PUBLICATIONS | | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | | 2005/0192999 | 9/1/2005 | Cook et al. | | | | |
| | | 2004/0049440 | 3/11/2004 | Shinoda et al. | | | | |
| | | 2004/0021584 | 2/5/2004 | Hartz, Jr. et al. | | | | |
| | | 2003/0191723 | 10/9/2003 | Foretich et al. | | | | |
| | | 2006/0105342 | 5/18/2006 | Villena et al. | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | | |
| | | | | | | YES | NO | |
| | KR 1020050064605 | 6/2005 | Korea (with Abstract) | | | X | | |
| | KR 1020010105569 | 11/2001 | Korea (with Abstract) | | | X | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | "Accurate Home Valuations...in Seconds!" <u>Veros Corp.</u>, 1 page, date unknown. | | | | | | | |
| | "Automated Valuation Models (AVM)," <u>Informative Research Corp.</u>, 1 page, date unknown. | | | | | | | |
| | "FNIS Launches QuadMerge™ Value," <u>TitleWeb.com</u>, 2 pages, date unkown. | | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | |

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| U. S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,754,850 | 5/19/1998 | Janssen | | | |
| | | 5,680,305 | 10/21/1997 | Apgar, IV | | | |
| | | 5,414,621 | 5/9/1995 | Hough | | | |
| | | 5,361,201 | 11/1/1994 | Jost et al. | | | |
| | | 5,032,989 | 7/16/1991 | Tornetta | | | |
| U. S. PATENT APPLICATION PUBLICATIONS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 2006/0218003 | 9/28/2006 | Snyder | | | |
| | | 2006/0218005 | 9/28/2006 | Villena et al. | | | |
| | | 2006/0200492 | 9/7/2006 | Villena et al. | | | |
| | | 2005/0216292 | 9/29/2005 | Ashlock | | | |
| | | 2003/0046099 | 3/6/2003 | Lamont et al. | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | KR 1020010078857 | 8/2001 | Korea (with Abstract) | | | YES | NO |
| | KR 1020020004710 | 1/2002 | Korea (with Abstract) | | | X | |
| | | | | | | X | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | "Home Value Explorer®," <u>Freddie Mac Corp.</u> , 1 page, date unknown. | | | | | | |
| | "Freddie Mac's Home Value Explorer, VeroVALUE," <u>Determination Processing Services, Inc.</u> , 3 pages, date unknown. | | | | | | |
| | "Identifying & Managing Technology Risks, Automated Valuation Models," <u>Lewis J. Allen</u> , 36 pages, date unknown. | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |
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| | | | | U. S. PATENT DOCUMENTS | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 4,870,576 | 9/26/1989 | Tornetta | | | |
| | | 6,842,738 | 1/11/2005 | Bradley et al. | | | |
| | | 7,076,448 | 7/11/2006 | Snyder | | | |
| | | 7,054,741 | 5/30/2006 | Harrison et al. | | | |
| | | 7,043,501 | 5/9/2006 | Schiller | | | |
| U. S. PATENT APPLICATION PUBLICATIONS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 2006/0015357 | 1/19/2006 | Cagan | | | |
| | | 2006/0085234 | 4/20/2006 | Cagan | | | |
| | | 2006/0271472 | 11/30/2006 | Cagan | | | |
| | | 2006/0122918 | 6/8/2006 | Graboske et al. | | | |
| | | 2004/0019517 | 1/29/2004 | Sennott | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation YES NO |
| | | | | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | "LSI Indicator, an LSI Collateral Assessment Solutions," <u>LendersService.com</u>, 2 pages, date unknown. | | | | | | |
| | "Mitigating Portfolio Risk During a Flat Market," Gregory F. Hansen, 2 pages, date unknown. | | | | | | |
| | "QuadMerge™ & QuadMerge Value™ Quick Reference Guide," <u>FNIS Corp.</u>, 1 page, date unknown. | | | | | | |
| | "VEROSTM Software," <u>verso.com</u>, 31 pages, date unknown. | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |
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| U. S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 6,748,369 | 6/8/2004 | Khedkar et al. | | | |
| | | 6,636,803 | 10/21/2003 | Hartz, Jr. et al. | | | |
| | | 6,609,118 | 8/19/2003 | Khedkar et al. | | | |
| U. S. PATENT APPLICATION PUBLICATIONS | | | | | | | |
| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 2007/0033122 | 2/8/2007 | Cagan | | | |
| | | 2007/00 33126 | 2/8/2007 | Cagan | | | |
| | | 2001/0029477 | 10/11/2001 | Freeman et al. | | | |
| | | 2003/0126071 | 7/3/2003 | Keyes et al. | | | |
| | | 2004/0128232 | 7/1/2004 | Descloux | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | YES | NO |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | "AVM Debate Tilts in Favor: The mortgage lending industry may finally be ready embrace technology to automated the valuation function (Technology Information)," Mary Dunn, <u>Mortgage Technology</u> , 5 pages, July, 2001. | | | | | | |
| | "Collateral Score Pat 1-Scoring Applications in Residential Mortgage Lending: A Survey of Issues," Nima Nattagh, et al. FNC White Paper, 8 pages, February 2002. | | | | | | |
| | "Home Price Analyzer: Online Index-Based Residential Property Valuations," <u>homepriceanalyzer.com</u> , 2 pages, October 2002. | | | | | | |
| | "FNIS Launches New Tool, HQ Score," <u>Real Estate Weekly</u> , Hagedorn Publication, 1 page, April 30, 2003. | | | | | | |
| | "Quick Value AVM Services: Instant Online AVMs Make for Rapid Decision Making," <u>www.1sourcedata.com</u> , 1 page, 2003. | | | | | | |
| EXAMINER | | | DATE CONSIDERED | | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | |
| | “FNIS Hansen QRS: Product Overview,” www.FNIS.com , 1 page, 2003. | | | | | | | |
| | “Forecasting Valuation Risk for Real Estate and Other Industries,” Eric P. Fox, <u>Veros Software</u> , 14 pages, June 17, 2003. | | | | | | | |
| | “PASS Valuation Model,” Basis 100 Corp., 1 page, July/August 2003. | | | | | | | |
| | “Freddie Mac’s Home Value Explorer®,” Freddie Mac, 1 page, November 2003. | | | | | | | |
| | “Freddie Mac’s Home Value Explorer®, Product Enhancement Summary Forecast Standard Deviation (FSD),” Freddie Mac, 2 pages, April 4, 2004. | | | | | | | |
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